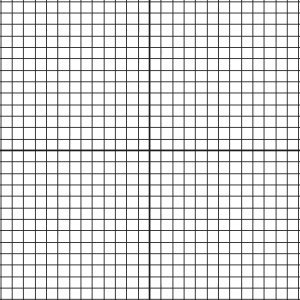
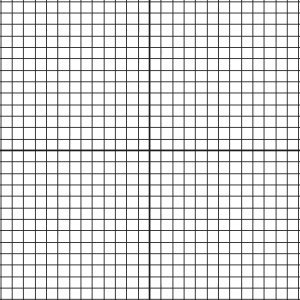
Graphing Systems: Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period:\_\_\_\_

For each system:

1. Put in slope-intercept form
2. Graph the system
3. 7x – y = 6 2. 4x +8y = 12

-7x + y = -6 x + 2y = -3



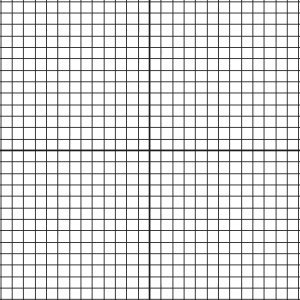
Slope:\_\_\_\_ y-int:\_\_\_\_\_ Slope:\_\_\_\_ y-int:\_\_\_\_\_

Solutions:\_\_\_\_\_\_\_\_\_\_\_ Solutions:\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Description  Of Lines: | How many points of intersection? | Equal slopes? | Equal y- intercepts: | Example of a graph: |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

3. -2x + y = -1

y = -2x + 5



Slope:\_\_\_\_ y-int:\_\_\_\_\_

Solutions:\_\_\_\_\_\_\_\_\_\_\_

On the back of this sheet, solve these 3 systems algebraically. You can choose elimination or substitution. Explain what happens in each situation and relate it to the chart above.

Assignment: pg 119 14- 24 even. Without graphing, determine if there is one, zero or no unique solution.